Bandpass Filter · 9800–10300 MHz

Stopband Rejection ≥60 dB (DC–8500 MHz) / ≥60 dB (12000–21000 MHz). Body Footprint 67 × 18 × 10 mm.

RF Performance

Parameter	Value
Passband	9800–10300 MHz
Passband Insertion Loss [1]	≤1 dB
Passband Ripple [1]	≤0.5 dB
Stopband Rejection [2]	≥60 dB
Stopband Rejection [3]	≥60 dB
VSWR [1]	≤1.5:1

[1] 9800–10300 MHz
[2] DC–8500 MHz
[3] 12000–21000 MHz

Design Ratings

Parameter	Value
Operating Temperature	–40...+70 °C (Design rating)
Power Handling	30 W (Design rating)

Mechanical Specifications

Parameter	Value
RF Impedance	50 Ω
Body Footprint	67 × 18 × 10 mm
RF Interface	SMA-F
Top Projection	2 mm
Surface Finish	Gray-white baked paint
Mounting Hole Center Spacing	62.6 × 14 mm
Mounting Through Holes	4 × Ø2.2 mm
RF connector axis height above housing base	4.5 mm
Connector Axis Distance from Body Side	9 mm

Installation and handling

The RF connectors are on opposite ends of the housing.

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.